

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	("4072089"   "4193833"   "4484977"   "4581873").PN.	USPAT	OR	ON	2009/10/01 10:44
L2	50	(US-3643915-\$ or US-3812444-\$ or US-3878859-\$ or US-3955470-\$ or US-3959926-\$ or US-4171768-\$ or US-4287970-\$ or US-4289175-\$ or US-4303231-\$ or US-4335871-\$ or US-4369829-\$ or US-RE31445-\$ or US-4459939-\$ or US-4482036-\$ or US-4491160-\$ or US-4508201-\$ or US-4520291-\$ or US-4526088-\$ or US-4606368-\$ or US-4709790-\$ or US-4711626-\$ or US-4729497-\$ or US-4740981-\$ or US-4782925-\$ or US-4785921-\$ or US-4832638-\$).did. or (US-4948104-\$ or US-5046630-\$ or US-5064030-\$ or US-5099870-\$ or US-5193569-\$ or US-5301777-\$ or US-5305606-\$ or US-5400881-\$ or US-5417041-\$ or US-5454394-\$ or US-5454455-\$ or US-5547285-\$ or US-5568341-\$ or US-5761878-\$ or US-5826440-\$ or US-5879336-\$ or US-5924697-\$ or US-5967961-\$ or US-6199440-\$ or US-6431782-\$ or US-6619012-\$ or US-6708778-\$ or US-6932271-\$ or US-7044090-\$).did.	USPAT	OR	ON	2009/10/01 10:44
L3	50	(US-4260295-\$ or US-4307873-\$ or US-5305606-\$ or US-5454455-\$ or US-5971232-\$ or US-6000789-\$ or US-3604615-\$ or US-3796139-\$ or US-4151647-\$ or US-4287970-\$ or US-4302652-\$ or US-4319471-\$ or US-4350348-\$ or US-4351456-\$ or US-4376472-\$ or US-4381006-\$ or US-4388021-\$ or US-4399997-\$ or US-4408682-\$ or US-4416490-\$ or US-4416328-\$ or US-4440454-\$ or US-4443029-\$ or US-4449993-\$ or US-4463878-\$ or US-4480730-\$).did. or (US-	USPAT	OR	ON	2009/10/01 10:44

		4482036-\$ or US-4489518-\$ or US-4513997-\$ or US-4520291-\$ or US-4526088-\$ or US-4531664-\$ or US-4543853-\$ or US-4572709-\$ or US-4611629-\$ or US-4617957-\$ or US-4619444-\$ or US-4630585-\$ or US-4630734-\$ or US-4768629-\$ or US-4782925-\$ or US-4784375-\$ or US-4785921-\$ or US-4822340-\$ or US-4826180-\$ or US-4830432-\$ or US-4832638-\$ or US-4844697-\$ or US-4848416-\$ or US-4852862-\$).did.				
L4	12	DELEN-ANDERS\$.in,as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44
L5	79	SVENSSON-JAN\$.in,as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44
L6	3722	TETRA-LAVAL-\$.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44
L7	88	L4 L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44
L8	47	L6 and (linkage or toggle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44
L9	0	("2007/0074491").URPN.	USPAT	OR	ON	2009/10/01 10:44
L10	509	53/479.cds.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44

L11	184	53/373.7.ccls. not 53/479.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44
L12	111	53/dig.2.ccls. not 53/373.7,479. ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44
L13	225	493/133.ccls. not 53/ dig.2,373.7,479.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44
L14	341	493/189.ccls. not (493/133.ccls. 53/dig.2,373.7,479.ccls.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44
L15	90	493/206.ccls. not (493/189,133. ccls. 53/dig.2,373.7,479.ccls.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44
L16	145	493/209.ccls. not (493/206,189,133.ccls. 53/ dig.2,373.7,479.ccls.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44
L17	257	53/374.8.ccls. not (493/209,206,189,133.ccls. 53/ dig.2,373.7,479.ccls.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44
L18	140	("0905601"   "2310556"   "2344114"   "2369362"   "2412924"   "2955643"   "3000429"   "3103701"   "3166994"   "3177106"   "3183801"   "3212413"   "3239995"   "3355857"   "3439392"   "3469364"   "3477196"   "3505136"   "3545166"   "3657055"   "3815318"   "3817801"   "3823055"   "3905280"   "3910014"   "3925139"   "3937131"   "3956046"   "3956871"   "3958501"   "3965653"   "3986921"   "4040237"   "4041846"   "4072089"   "4078364"   "4167435"   "4202153"   "4241560"   "4306400"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/01 10:44

		"4334399"   "4484977"   "4510736"   "4546592"   "4546596"   "4586318"   "4622798"   "4651506"   "4674268"   "4729210"   "4768327"   "4835948"   "4899520"   "5134835"   "5147491"   "5170609"   "5289671"   "5369941"   "5533322"   "5540035"   "5791126"   "6167677"   "6185915"   "6598367"   "6889481"   "Fe32963").PN. OR ("2002/0017077"   "2751965"   "4072089"   "4097318"   "4193833"   "4243469"   "4484977"   "4581873"   "5568718"   "7036293").URPN.				
L19	89	L18 not (53/373.7,374.8,479, Dig.2.ccls. 493/133,189,206,209. ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/01 10:44
L20	18	("2237119"   "4729210"   "4768327"   "5170609"   "5203145"   "5271210"   "5369941"   "5533322"   "5540035").PN. OR ("5791126"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/01 10:44
L21	8	("4167435"   "4729210"   "4768327"   "5170609"   "5271210"   "5540035"   "5791126"   "6658821").PN. OR ("7017641").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/01 10:44
L22	7	("4729210"   "4768327"   "5170609"   "5271210"   "5540035"   "5791126"   "6658821").PN. OR ("7011129"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/01 10:44
L23	28	("3287199"   "3685250").PN. OR ("4040237").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/01 10:44
L24	15	("2950588"   "3256673"   "3685250"   "4040237"   "4265074").PN. OR ("4537012"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/01 10:44
L25	14	("3083513"   "3172245").PN. OR ("3986921").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/01 10:44
L26	5	("2955643").URPN.	USPAT	OR	ON	2009/10/01 10:44
L27	0	sealing near10 abutment near10 force near10 (restricting or limiting or dampening) near10 (fluid or air or gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44

L28	4	seal\$4 near10 (abutment or anvil) near10 force near10 (restrict\$4 or limit\$4 or dampen \$4) near10 (fluid or air or gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44
L29	71	(abutment or anvil) near10 force near10 (restrict\$4 or limit \$4 or dampen\$4) near10 (fluid or air or gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44
L30	251	("53"/\$.ccls. or b65b\$.ipc.) and (seal\$4 near10 (pressure or force) near10 (restrict\$4 or limit \$4 or dampen\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44
L31	32	("53"/\$.ccls. or b65b\$.ipc.) and (seal\$4 near10 (pressure or force) near10 (restrict\$4 or limit \$4 or dampen\$4) near10 (hydraulic or fluid or air))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:44
L32	2	("4241560"   "4622798").PN.	USPAT	OR	ON	2009/10/01 10:44

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L33	10	493/209,206,189,133.ccls. 53/dig.2,479,374.8,373.7.ccls.	UPAD	OR	ON	2009/10/01 11:10
L34	209	(sealing abutment force (restricting or limiting or dampening) (fluid or air or gas)).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/10/01 11:13
L36	627	(seal\$4 (abutment or anvil) force (restrict\$4 or limit\$4 or dampen \$4) (fluid or air or gas)).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/10/01 11:23
L37	90	((abutment or anvil) force (restrict \$4 or limit\$4 or dampen\$4) (fluid or air or gas)).clm.	USPAT; UPAD	SAME	ON	2009/10/01 11:24
L38	2	(sealing abutment force (restricting or limiting or dampening) (fluid or air or gas)).clm.	US-PGPUB; USPAT; UPAD	SAME	ON	2009/10/01 11:25
L39	26	(seal\$4 (abutment or anvil) force (restrict\$4 or limit\$4 or dampen \$4) (fluid or air or gas)).clm.	US-PGPUB; USPAT; UPAD	SAME	ON	2009/10/01 11:25

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